

YALE RESEARCH ASSOCIATES IN THE ARTS: POLSA
PROGRAM: September 1968 -- June 1969

Our work next year will involve continuing research in light and sound environments. During this time we will be relocating in a new studio where we will conduct research in the following areas:

1) Specialized outputs: devices for the instantaneous generation of luminous color, including electroluminescent paneling, fluorescent blubs from which the fluorescent material is absent, and liquid crystals; and source devices for the exploration of large-scale field aspects of sound including various electrostatic speakers (arrays of foam poly-planar speakers and stretched silver-mylar speakers.)

2) Control systems: the expansion of our existing system (synthesizer-programmer) by the addition of a punched paper tape reader and associated components to extend our programming capabilities (we hope to finance this addition through an N.S.F. grant.). We will also incorporate various new input devices such as multi-track tape decks, voltage controlled filters and other modules to increase our signal synthesizing facilities.

3) Programming: work in this area will continue throughout the year in all stages; for both specific exhibitions and displays, and experimentation with new possibilities.

In November we will begin teaching a six week seminar for the Yale Graduate School of Art and Architecture. We will deal with aspects of time and programming as related to our own work and that of the students. We will also continue our interaction with EAT in a series of open lectures, discussions, and exhibitions for area artists and students.

Included in our exhibition schedule for next year are two major presentations. The first will be an outdoor environmental display for the Boston Public Gardens (September 15 to October 15, 1968), commissioned by the Boston Redevelopment Agency. This display will consist of a configuration of fifty light and fifty sound sources in and about the park's central pond. These light and sound sources will be programmed by our present control system in association with a punched paper tape reader. Our second project

will entail the preparation of a portable exhibition which will travel in this country as part of a special tour organized by John Broekman Associates (N.Y.C.). This exhibition will make public selected programs developed over the past two years using fluorescent light walls and associated speakers as outputs.